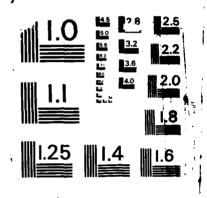
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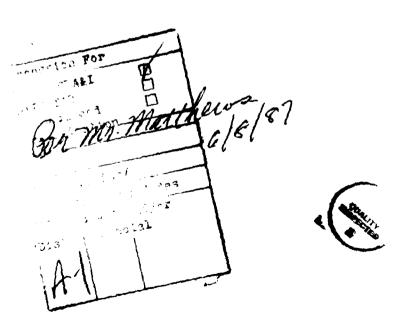


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19. ABSTRACT (Continue on reverse if necess				- <i>t</i>	"ery"
In the first 3 months of the	ne first budget ye	ar, we recru	ited and o	btained	the reagents and
supplies for the performand synthesized and are being p	ourified. These p	eptides repr	wing peptic	ues <u></u> nav rnative	e now been designs mimicking
the heme cavity of myoglob	in and the a and B	ichains of h	uman hemog	lobin.	
61 65	71 86	93 99			
1. (C).L.K.K.H.G.V.T.V.L.7				22 residues	
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(C).L.K.K.H.G.V.T.V.L.1		K.P.L.A.Q.S.	H.A.T.K.H.I	(.Î.	31 residues
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Dr. J.A. Majde		(202) 696			ONR
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3. 61 71 86 (C).L.K.K.H.G.V.T.V.L.T.A.(G).L.K.P.L.A.Q.S.H.A.T.K.H.K.I 27 residu 60 65 80 (C).V.K.G.H.G.K.K.V.A.D.A.(G).L.S.A.L.S.D.L.H-V 22 residu 65 69 (C).V.K.G.H.G.K.K.V.A.D.A.L.T.N.A.(G).L.S.A.L.S.D.L.H.A.H.K.L.R.V. 31 residu 85 6. (C).V.K.G.H.G.K.K.V.A.D.A.(G).L.S.A.L.S.D.L.H.A.H.K.L.R.V. 27 residue 7. (C).V.K.A.H.G.K.K.V.L.G.A.(G).F.A.T.L.S.E.L.H-V 22 residue 74 85 90 70 8. V.K.A.H.G.K.K.V.L.G.A.F.S.D.G.(G).F.A.T.L.S.E.L.H.C.D.K.L.H.V 30 residue 9. (C).V-31 residue 85 90 65 70 98 10. V.K.A.H.G.K.K.V.L.G.A.(G).F.A.T.L.S.E.L.H.C.D.K.L.H.V. 26 residues 98 11. (C).V-27 residues

During the second budget year, additional peptides outlined in the proposal will be synthesized. All three peptides will be purified and their binding properties studied.



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